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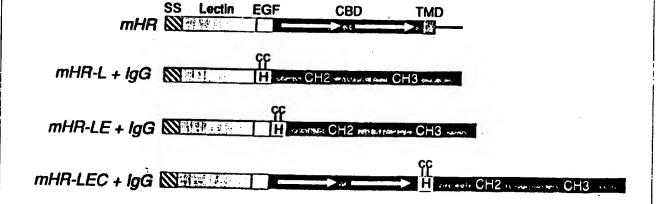


INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

| (51) International Patent Classification 5: C12N 15/62, 15/13, 15/14,15/12 C07K 13/00, A61K 39/395, 37/02 C12N 5/10 | A3 | (11) International Publication Number: WO 91/08298 (43) International Publication Date: 13 June 1991 (13.06.91) |
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| (21) International Application Number: PCT/U (22) International Filing Date: 21 November 1996 (30) Priority data: 444,625 22 November 1989 (22. (71) Applicant: GENENTECH, INC. [US/US]; 460 Bruno Boulevard, South San Francisco, CA 94 (72) Inventors: CAPON, Daniel, J.; 817 Oregon: Mateo, CA 94402 (US). LASKY, Laurence, Route Box 460, Sausalito, CA 94965 (US). (74) Agents: ADLER, Carolyn, R. et al.; Genentech Point San Bruno Boulevard, South San Francisco (US). | 11.89) 1 Point S 1080 (US Street, S A.; Si | patent), CA, CH (European patent), DE (European patent), DK (European patent), ES (European patent), FR (European patent), GR (European patent), JP, LU (European patent), NL (European patent), SE (European patent). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments. (88) Date of publication of the international search report: 17 October 1991 (17.10.91) |

(54) Title: FUSION PROTEINS CONSISTING OF A LIGAND BINDING PROTEIN AND A STABLE PLASMA PROTEIN

Murine PLN Homing Receptor IgG Chimeras



(57) Abstract

Novel polypeptides are provided, together with methods for making and using them, and nucleic acids encoding them. These polypeptides are useful as cell surface adhesion molecules and ligands, and are useful in therapeutic or diagnostic compositions and methods

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INTERNATIONAL SEARCH REPORT

International Application No PCT/US 90/06849

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| | According to International Patent Classification (IPC) or to both National Classification and IPC IPC5: C 12 N 15/62, 15/13, 15/14, 15/12, C 07 K 13/00 A 61 K 39/395, 37/02, C 12 N 5/10 | | | | | |
| II. FIELD | S SEARCH | | 710 | | | |
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| V. X OB | SERVATION WHERE CERTAIN CLAIMS WERE FOUND UNSEARCHABLE 1 | |
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| 1. Claim | numbers because they relate to subject matter not requir | |
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| with t | numbers 1-5,7-11,13-26,28,29,34-49 because they relate to parts of the International he prescribed requirements to such an extent that no meaningful international search can be carried out, sp | application that do not comply ecifically: |
| for | further information see form PCT/ISA/206 dd 16/04/91 | |
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| VI.X OBS | EDVATIONS WHEDE INITY OF INVENTION IS LACKING. | |
| | ERVATIONS WHERE UNITY OF INVENTION IS LACKING 2 | |
| 1. claims | nal Searching Authority found multiple inventions in this international application as follows 6,12 completely, (1-5,8-11,13-22,40,42-49) partially; 2. cl | aims 7 completely, |
| (1-5,8-22 4.claims | ,40,42-29)partially;3. claims 23 completely,(1-5,8-22,40, 24 completely,(1-5,8-22,40,42-49)partially;5. claims 25-3 | 42-49)partially; |
| 34,35,39; | 7. claims 38,41 | 3; b. Craims |
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| 1. As all of the | equired additional search fees were timely paid by the applicant, this international search report covers all international application | searchable claims |
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